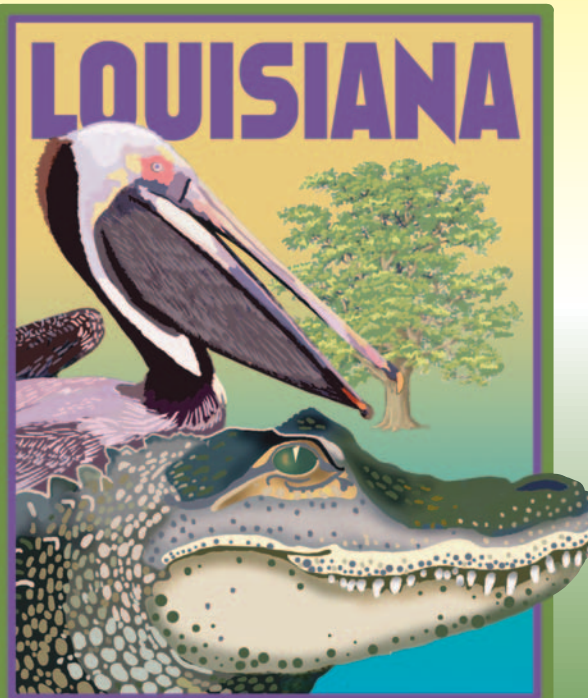


Attention High School
Science/Environmental
Education Teachers!

Louisiana Environmental
Education Commission/Envirothon
Office of Environmental Education
P.O. Box 82980
Baton Rouge, LA 70884

Attention High School
Science/Environmental
Education Teachers!

the 2nd Annual



ENVIROTHON

Don't Miss It!

June 14-15, 2005
– MSAC –

Model Sustainable Agriculture Complex
of the University of Louisiana at Lafayette

1234 W.J. Bernard Road, Cade, LA

Prizes • Scholarships
Team Competition
Educational & Fun



High School Science/Environmental Teachers
You and Your 5 Student Team have a chance
to participate in a **National Competition!**

Envirothon Philosophy

The goal of environmental education is the development of knowledgeable, skilled and dedicated citizens who are willing to work toward achieving and maintaining a natural balance between quality of life and the quality of the environment. The Louisiana Environmental Education Commission and the Governor's Office of Environmental Education are promoting environmental education through the Louisiana Envirothon which works in partnership with resource management professionals and the general public to promote and strengthen the goal of environmental education.

What Is The Envirothon?

The Louisiana Envirothon is a multidisciplinary, environmental problem-solving competition for students in grades 9 through 12. Teams may be comprised of students at the same school, or can be associated with an organized group (i.e. FFA, 4-H, home-school groups, etc.). Participating teams (five students plus one alternate) train and compete in five natural resource areas: soils/land use, aquatic ecology, forestry, wildlife, and a current environmental issue. **The current environmental issue for 2005 is Managing Cultural Landscapes.** There is also an oral presentation component of the competition, in which teams present a solution to an environmental

problem related to the current issue. Throughout the competition students learn in a real-life context the complexities of solving environmental problems while working as a team and having fun.

The Louisiana Envirothon

The Louisiana Envirothon will be held at the Model Sustainable Agriculture Complex (MSAC) of the University of Louisiana at Lafayette on June 14 and 15, 2005. The MSAC is located at 1234 W. J. Bernard Road in Cade, Louisiana.

The winning state team will travel to the Canon Envirothon competition this July to represent Louisiana. The Environmental Education Commission will pay all of the team's expenses to the Canon Envirothon Competition held July 18 thru 24, 2005 at Southwest Missouri State University, Springfield, Missouri.

Each member of the first place winning team of the Canon Envirothon will receive a \$3,000 scholarship. The second place team members each receive a \$2,000 scholarship and the third place team members each receive a \$1,000 scholarship. The winning team members, along with their teacher-advisor, receive a variety of Canon products.

The Louisiana Envirothon is made possible by the cooperative efforts of the following organizations:

– SPONSORED BY –

Governor's Office of Environmental Education • Louisiana Environmental Education Commission • University of Louisiana at Lafayette

– IN COOPERATION WITH –

Louisiana Department of Agriculture and Forestry • Louisiana Department of Environmental Quality • Louisiana Department of Wildlife and Fisheries
LSU AgCenter Cooperative Extension Service • Natural Resources Conservation Service • Resource Conservation and Development Councils

– WITH SUPPORT FROM –

Canon Envirothon • Louisiana Association of Conservation Districts • Louisiana Department of Environmental Quality • Louisiana Forestry Association
Louisiana Environmental Education Commission • Louisiana Environmental Educators Association • Louisiana Logging Council • United States Forest Service



Envirothon Competition Overview

Students, competing as team members, rotate through a series of five stations that are managed by natural resource specialists. For example, a forester may conduct the forestry station, and a soil scientist can be expected to coordinate the activities at the soils/land use station. At each of the five stations, team members will be given a written test (which involves hands-on field activities) to complete. Each test is taken as a team with each team member participating in answering the questions. Test questions may be asked in a variety of ways. For example, test questions may be, but are not limited to multiple choice, true/false, essay or fill-in-the-blank. Sample tests are available on the Canon Envirothon website at www.envirothon.org/sitemap.

Each team will also be presented with an environmental problem that is based on the "current environmental issue." The hypothetical environmental problem situation (and presentation materials) will be given to each team the night before the competition. Each team will be asked to develop and present a management plan for the hypothetical problem. All five members of the team must verbally participate in the oral presentation.

After combining scores from the written tests and the oral presentation, the top three teams will be recognized and receive awards.

The top scoring team at the state competition will go on to represent Louisiana at the Canon Envirothon, which will be held:

**July 18-24, 2005
Southwest
Missouri State University
Springfield, Missouri**

Envirothon Goals

1. To promote a desire to learn more about the natural environment and equip students with the knowledge and skills needed to apply the basic principles and practices of resource management and ecology to complex environmental issues.
2. To promote stewardship of natural resources and to encourage the development of the critical thinking, cooperative problem-solving, and decision-making skills required to achieve and maintain a natural balance between the quality of life and the quality of the environment.
3. To provide students with experience in environmentally-oriented activities, enabling them to become environmentally-aware, action-oriented citizens.

Learning Objectives

Aquatic Ecology

Forestry

Soils / Land Use

Wildlife

Current Environmental Issue

Don't Miss It!

Current Environmental Issue

Managing Cultural Landscapes

Cultural landscapes give us a sense of place. They reveal our relationship with the land over time. Whether or not we are directly aware of their influence, landscapes have a profound effect on human life. The aesthetic, economic, and security values of our physical surroundings play essential roles in decisions about where and how we live.

Understanding the relationship between the environment and historic areas is critical for protecting resources and providing for the public's enjoyment. In some respects, the management and preservation of landscapes is more complicated than historic structures because landscapes encompass a greater variety of elements, and include plants and structures as well as landforms. But more important, natural elements of landscapes are particularly susceptible to alteration and deterioration. Unlike historic structures, plants and trees can outgrow their space. In time, water may erode the soil and improper pruning and care of plants may hasten damage from disease and pests.

Landscapes are highly vulnerable. New agricultural practices, for example, can dramatically alter the look of the rural landscape. Changing agricultural economics, such as the move from the predominance of family farms to agribusiness, alter both traditional patterns of the land and the ways of life that produced the patterns.

Like other historic properties, America's landscapes are subject to loss and change through inappropriate uses, insensitive development, vandalism, and natural forces such as flooding.

To protect plant and animal species, managers need basic scientific information about their habitats, ranges, life cycles, and more. Managers also need to understand people – those who establish, visit, support, cherish, use, and (sometimes) abuse parks and resources.

Whether they are highly structured parks and formal gardens, or less structured farms, urban landscapes or roadsides, historic landscapes reflect U.S. cultural heritage.

**Governor's Environmental Education Commission
Announces Louisiana's Second Annual
Canon Envirothon Contest!**

LOUISIANA ENVIROTHON 2005 REGISTRATION FORM

School/Group Name: _____

Address: _____

City, State, Zip: _____

First Advisor/Teacher:

Name: _____

Phone: _____ AM _____ PM

Email: _____ Fax: _____

Second Advisor or Volunteer:

Name: _____

Phone: _____ AM _____ PM

Email: _____ Fax: _____

Team Members: _____

Name	Gender	Grade
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1. _____	_____	_____
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2. _____	_____	_____
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3. _____	_____	_____
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4. _____	_____	_____
----------	-------	-------

5. _____	_____	_____
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Alternate:

6. _____	_____	_____
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TEAM NAME: _____

Please submit this registration form and \$50.00 to secure your attendance. Please make check payable to the Louisiana Environmental Education Commission/Envirothon. **Deadline for registering is March 18, 2005.**



Submit form to:
Tiffany Soileau
Office of Environmental Education
P.O. Box 82980, Baton Rouge, LA 70884
Email: Tiffany.Soileau@la.gov
Toll free: 1-877-523-6833
Baton Rouge: 225-219-3186
Fax: 225-219-0774